Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known **Application Number** February 26, 2004 INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT First Named Inventor Jeffrey H. Hunt Group Art Unit **Examiner Name** (use as many sheets as necessary) Sheet 2 Attorney Docket Number 14705-0002 **U.S. PATENT DOCUMENTS** Classi **Document Number** Publication Date Name of Patentee or Pages, Columns, Lines, Where Examiner MM-DD-YYYY Applicant of Cited Relevant Passages or Relevant Number-Kind Code^{2 (8 known)} No.1 Initials Document Figures Appear US - 5,521,743 05/28/1996 Holmes et al. US -US -US -US -US -US -US -US -ับร -US -US-US -US -US -US -US -US -US -US -US -US-

FOREIGN PATENT DOCUMENTS									
	Cite No.1	Foreign Patent Document					Pages, Columns, Lines, Where		
Examiner Initials		Office ³	Number ⁴	Kind Code⁵	Date of Publications of Cited Documents MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	Τ* ,	
								ļ	
						 			
				1					

				/
Examiner		Date	9/17/	0×
Signature	11	Considered	(////	- 0
Olgridia		Considered	1	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at www.uspto.com or MPEP 901.4. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent documents." "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible." "Applicant is to place 8 check mark here it English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to fite (and by the USPTO to processO and application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is siturated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application or to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, US Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006.OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known **Application Number** Filing Date February 26, 2004 INFORMATION DISCLOSURE First Named Inventor Jeffrey H. Hunt STATEMENT BY APPLICANT Group Art Unit Examiner Name (use as many sheets as necessary) Sheet Attorney Docket Number 14705-0002 NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Examiner T2 publisher, city and/or country where published. Initials No.1 J.H. HUNT and R.B. HOLMES, Observation of Optical Response of Avalanche Photodiodes at Photon-Counting Light Levels, Journal, May 30, 1994, 3 pgs., Appl. Phys. Lett. 64 (22). 3 L. QUIAN, S.D. BENJAMÍN, P.W.E. SMITH, B.J. ROBINSON, & D.A. THOMPSON, Picosecond Carrier Lifetime and Large Optical Nonlinearities in InGaAsP Grown by He-Plasma-Assisted Molecular Beam Epitaxy, Journal, January 15, 1997, 3 pgs., Optics Letters, Vol. 22, No.2. L. QUIAN , S.D. BENJAMIN, P.W.E. SMITH, B.J. ROBINSON, & D.A. THOMPSON, Subpicosecond Carrier Lifetime in Beryllium-Doped InGaAsP Grown by He-Plasma-Assisted

Molecular Beam Epitaxy, Journal, September 15, 1997, 3 pgs., Appl Phys. Lett 71 (11).

Examiner	Date 6/17/05
Signature	Considered 9////

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Oraw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at www.uspio.gov or MPEP 901.4. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents." "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible." Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to processO and application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is stitmated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application or to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Child Information Officer, Patent and Trademark Office, US Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Aboxandria, VA 22313-1450.